

100

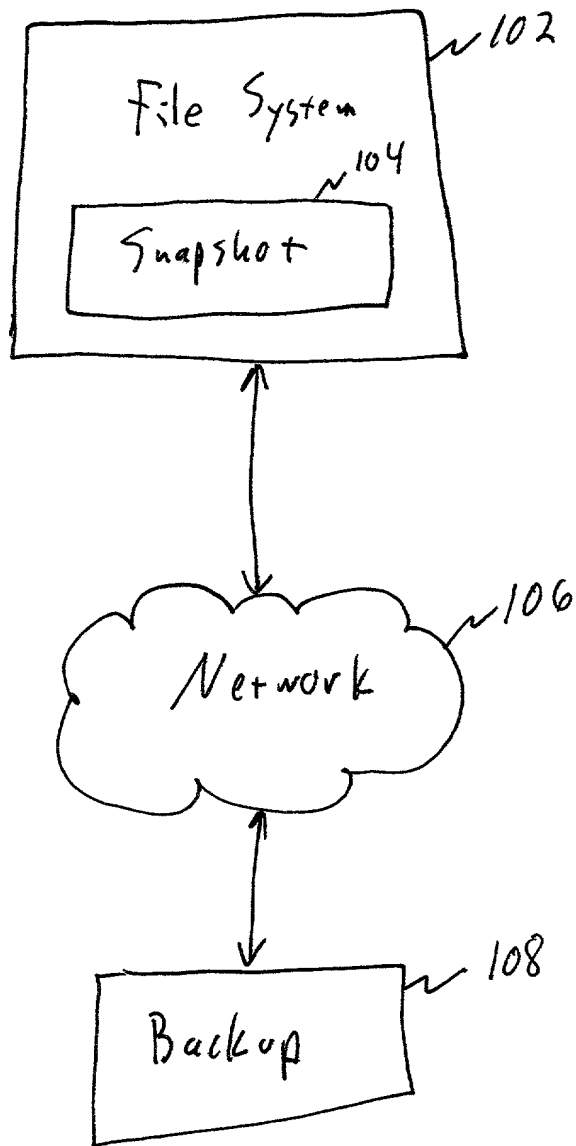


FIG. 1

200

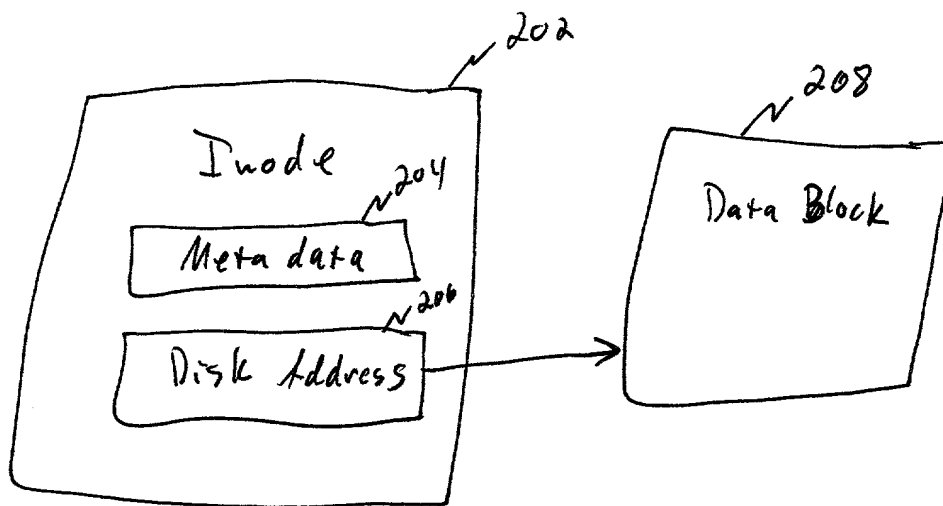


FIG. 24

250

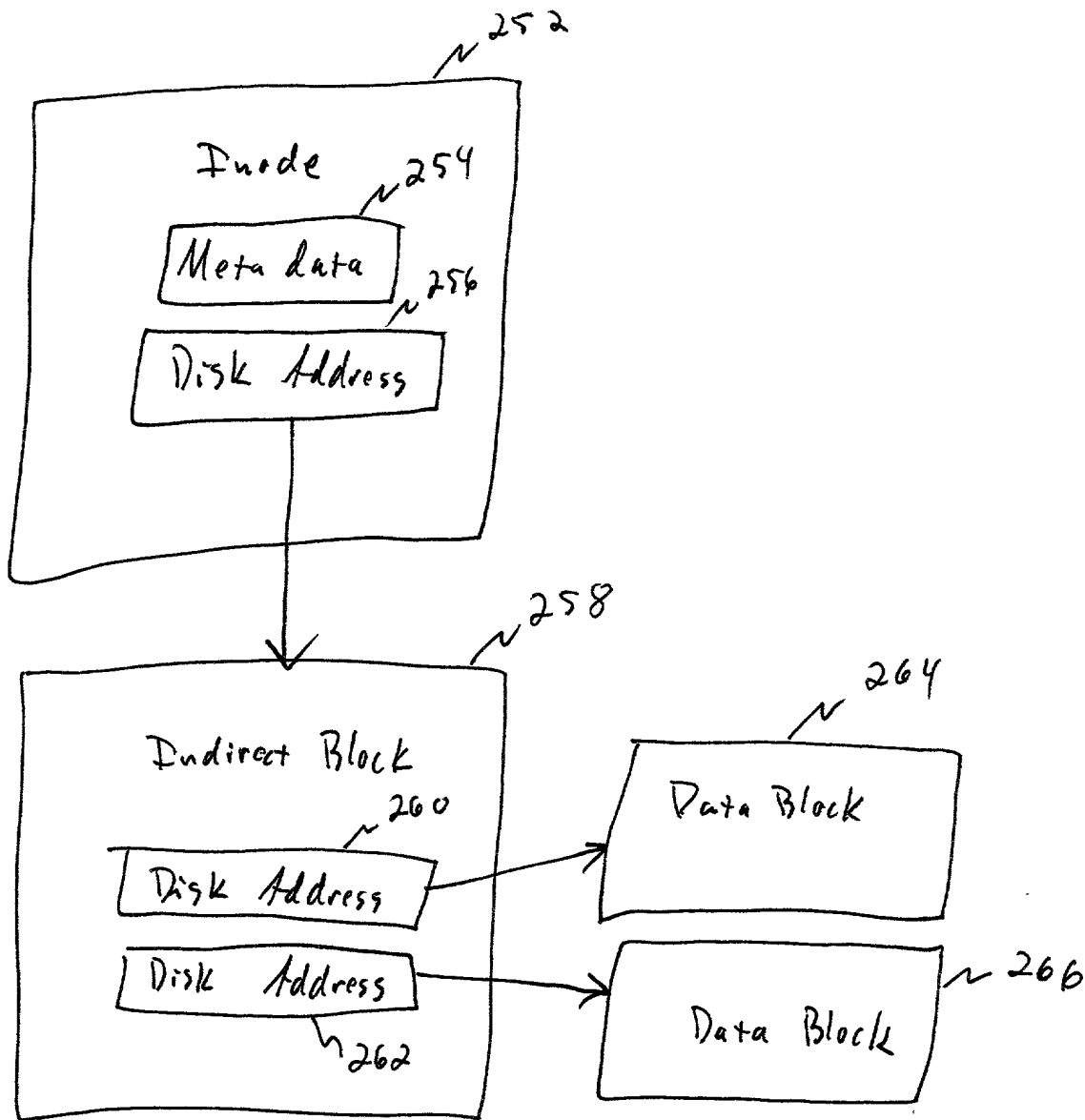


FIG. 2B

1007374.021503

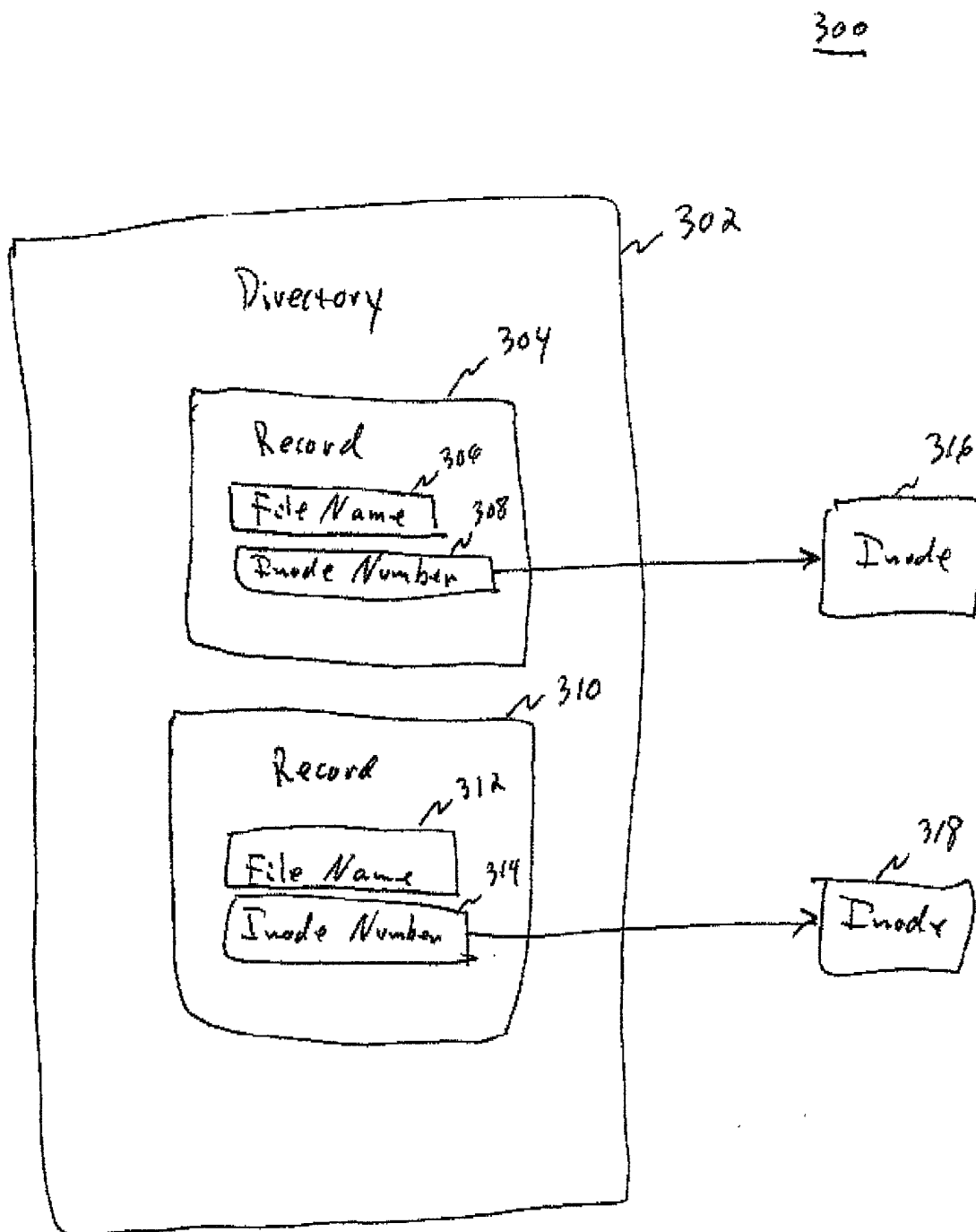


FIG. 3

10077374.024503

400

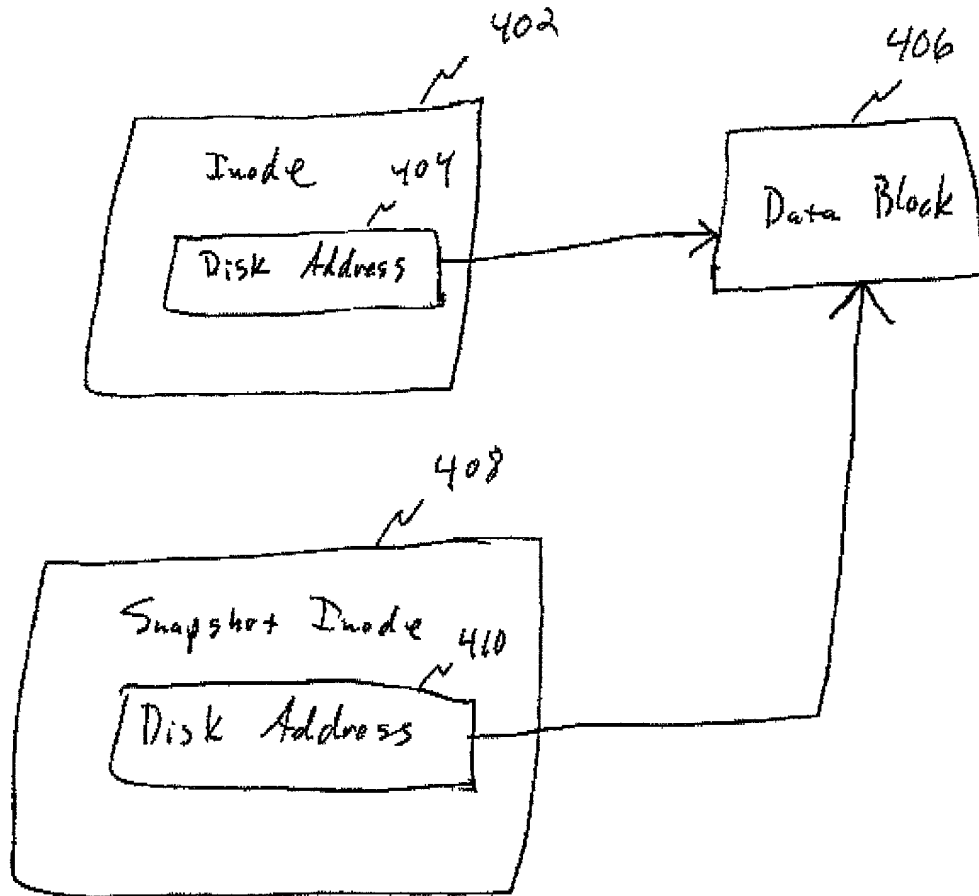


FIG. 4

500

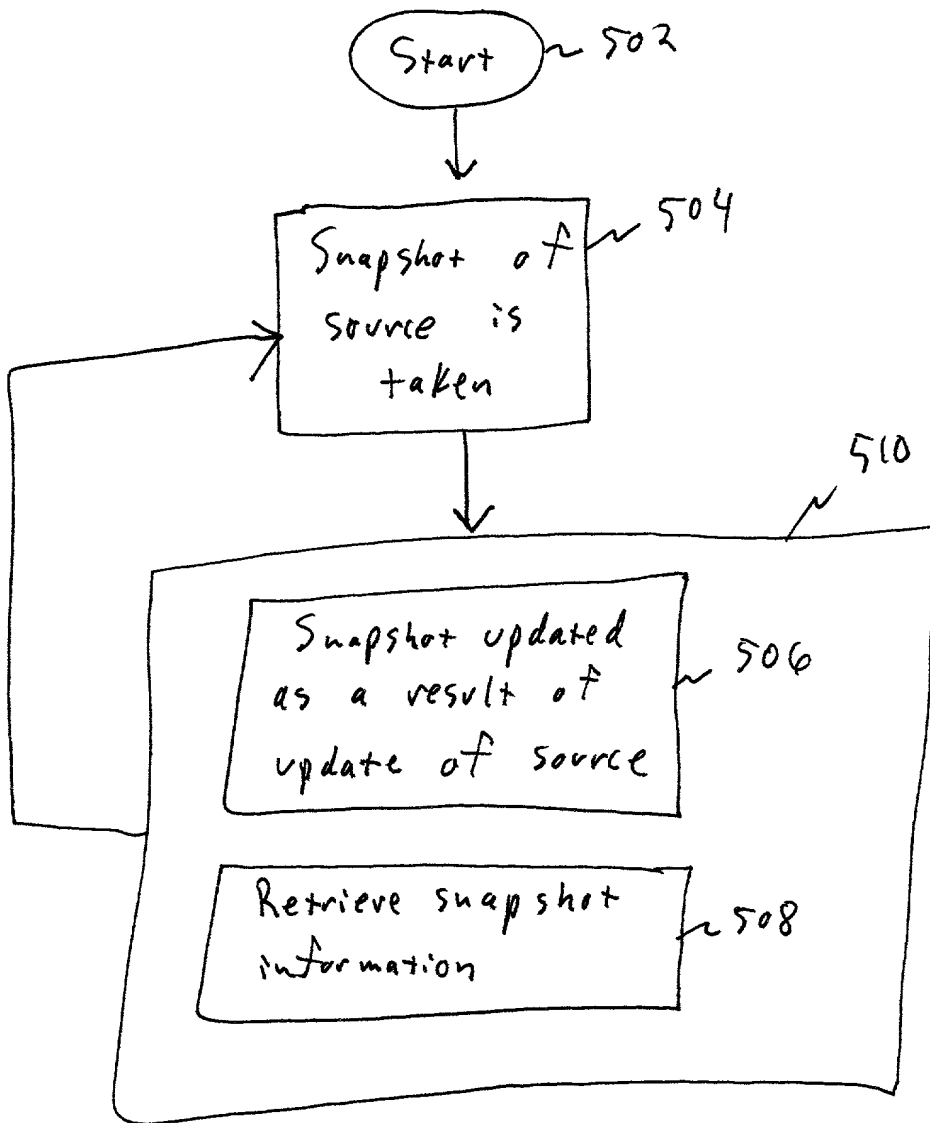


FIG. 5

600

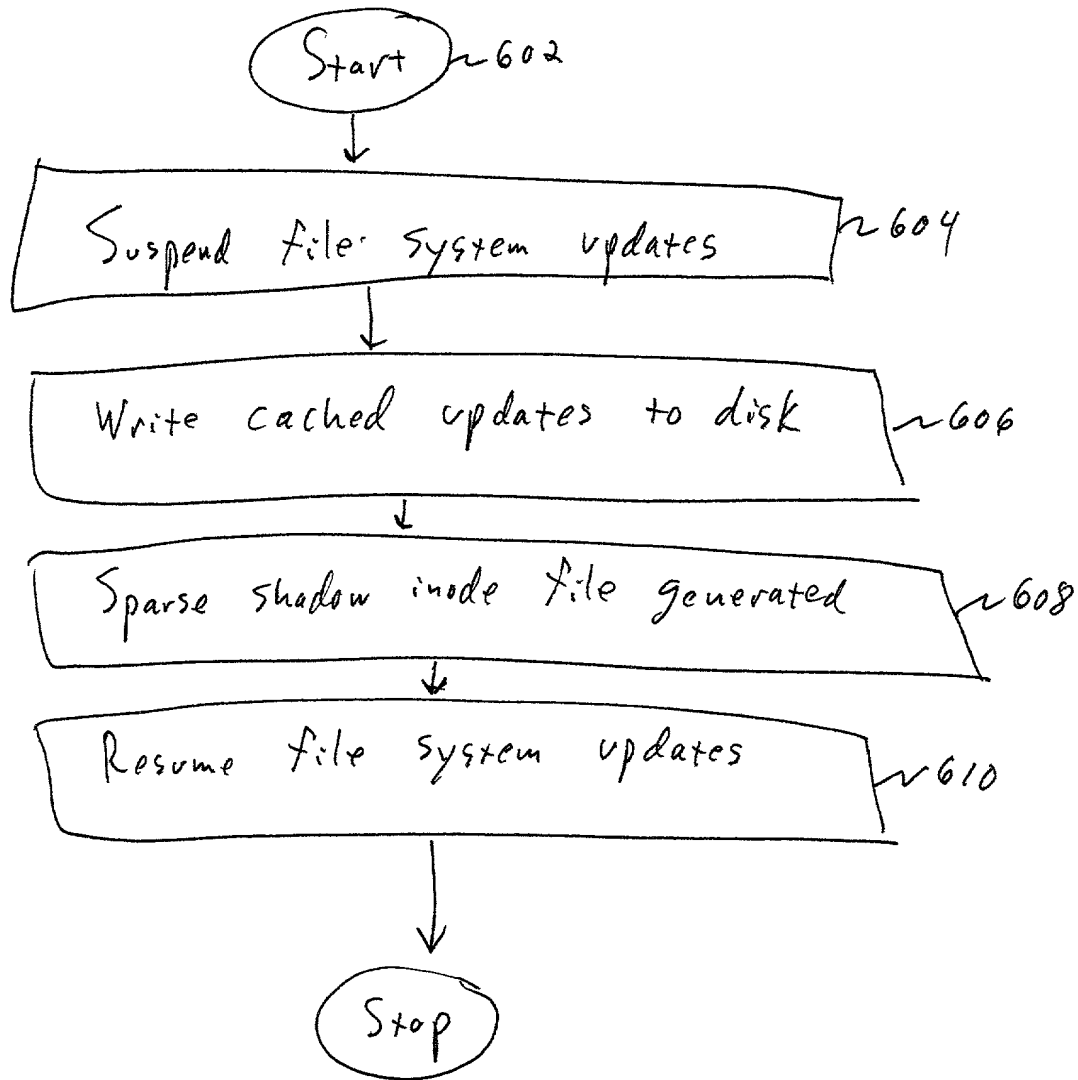


FIG. 6A

620

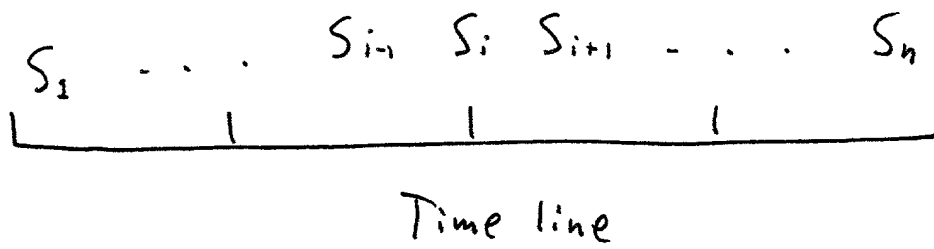


FIG. 6B

700

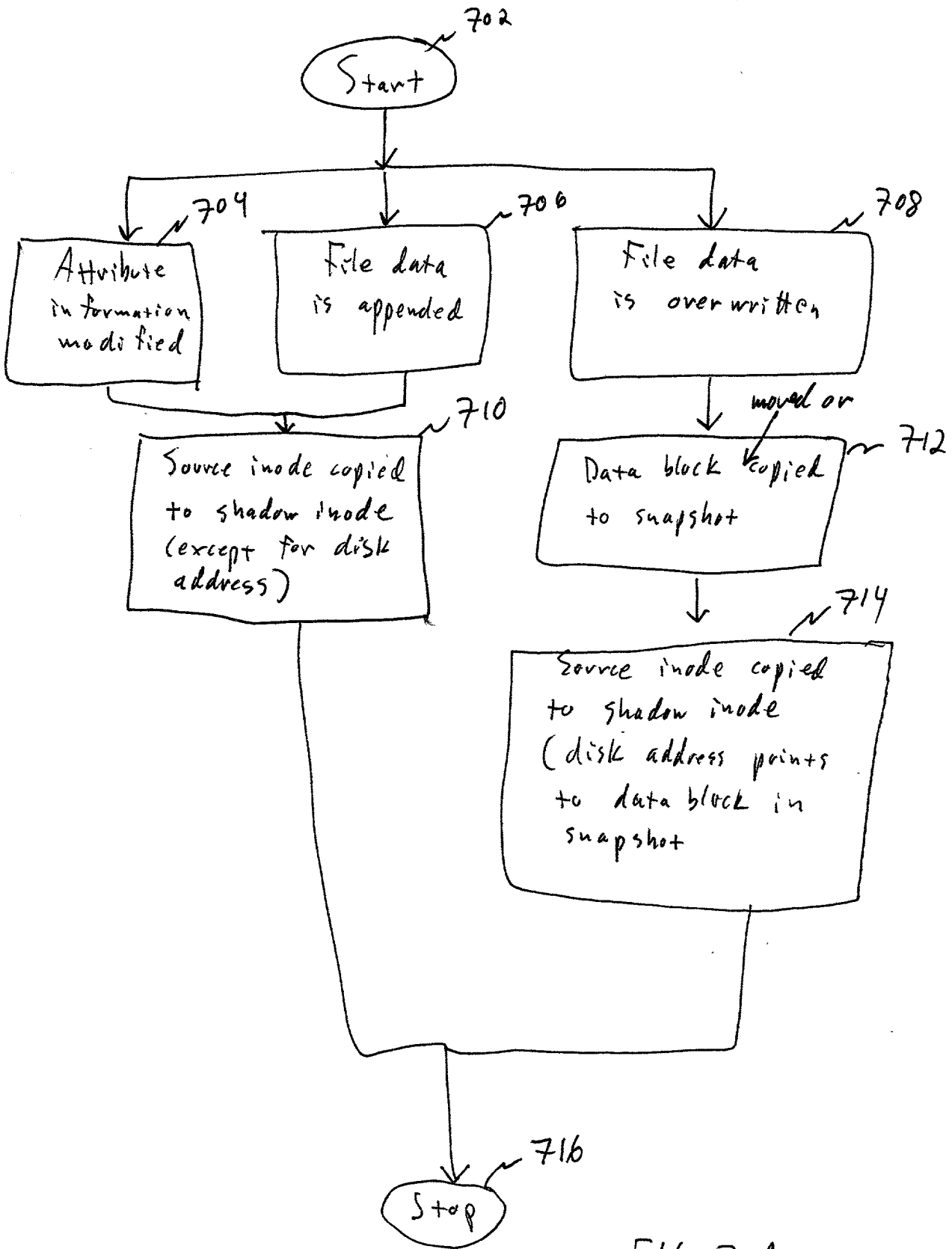


FIG. 7A

720

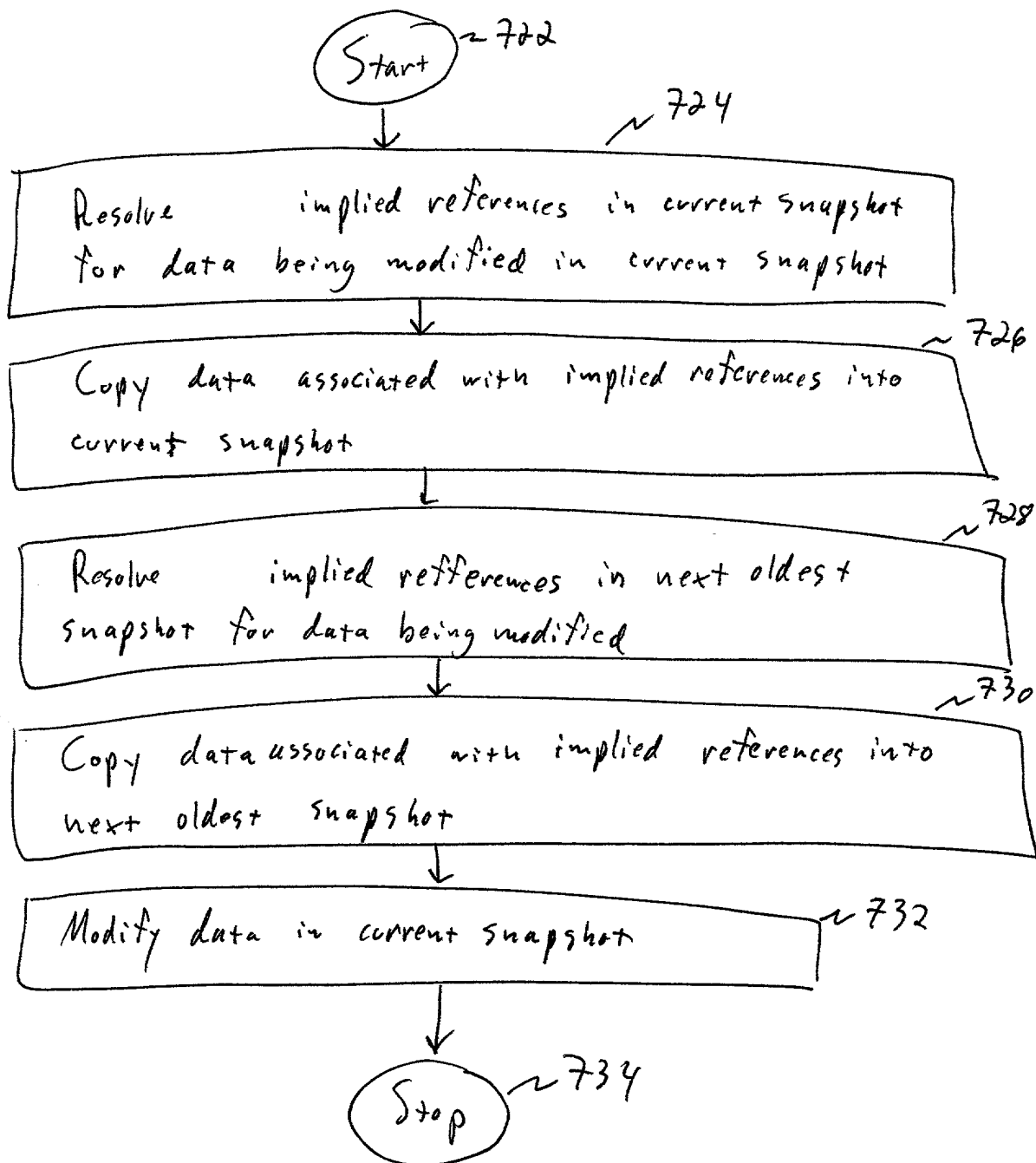


FIG. 7B

1007371.024502

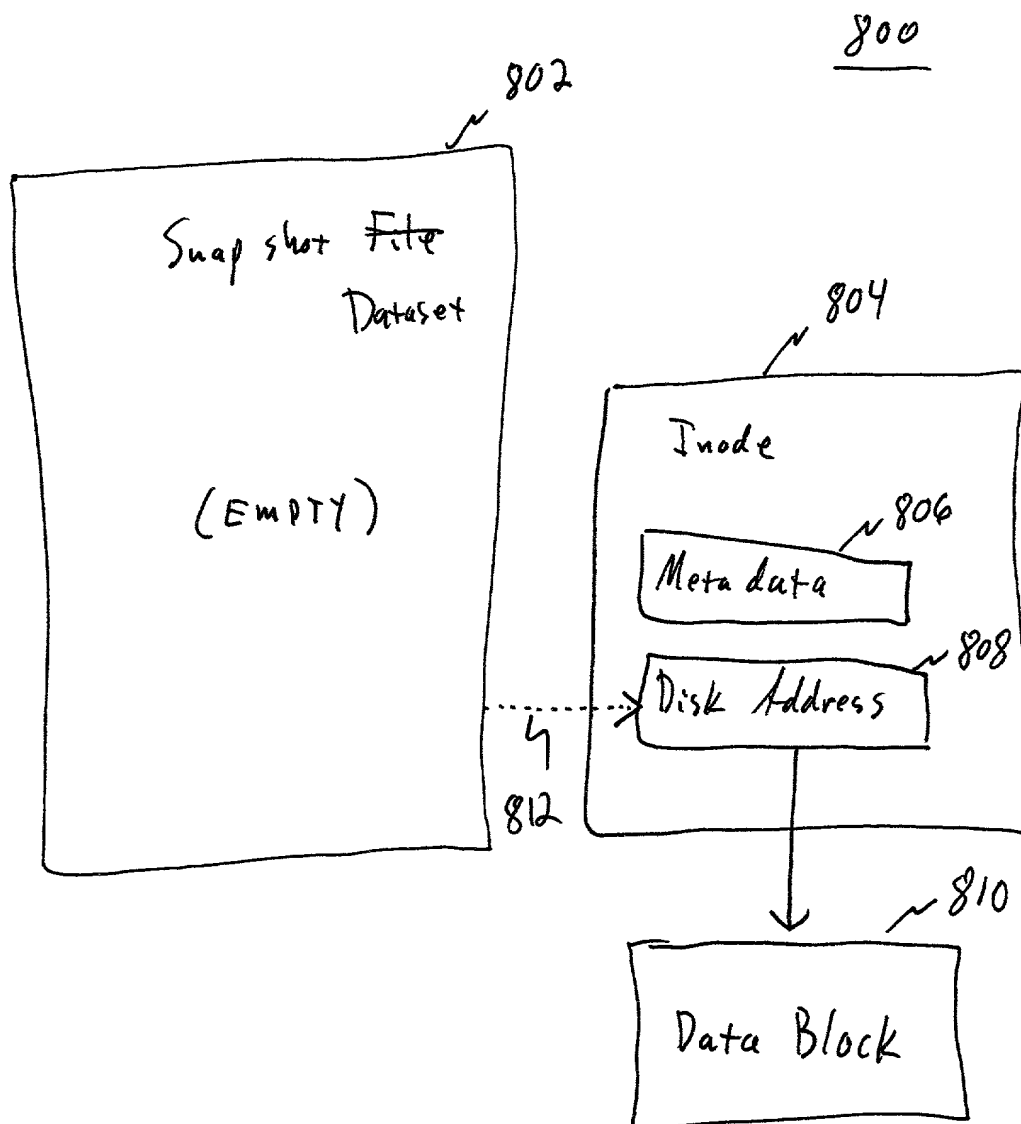


FIG. 8A

1007777.024000

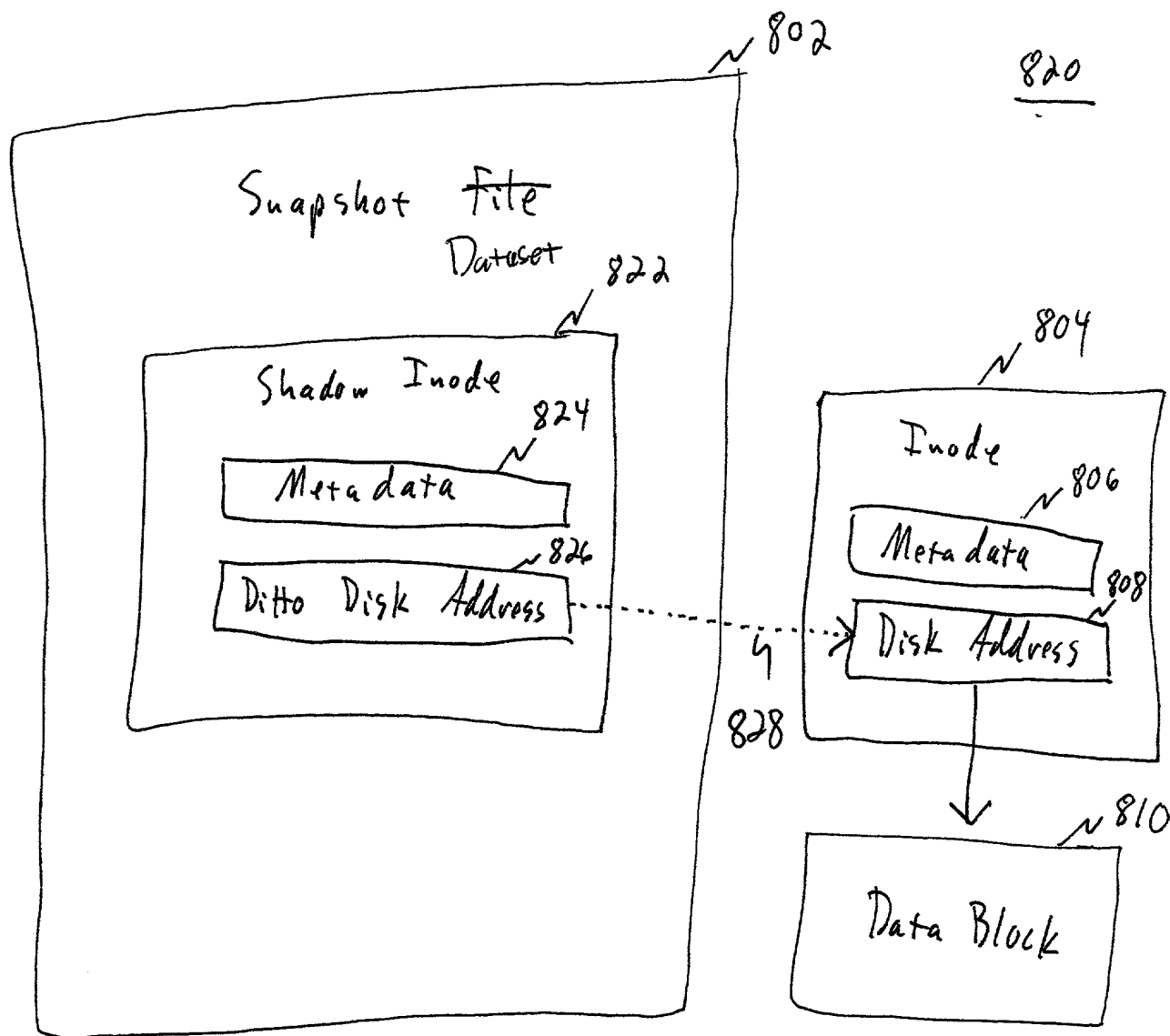


FIG. 8B

1007771-001000

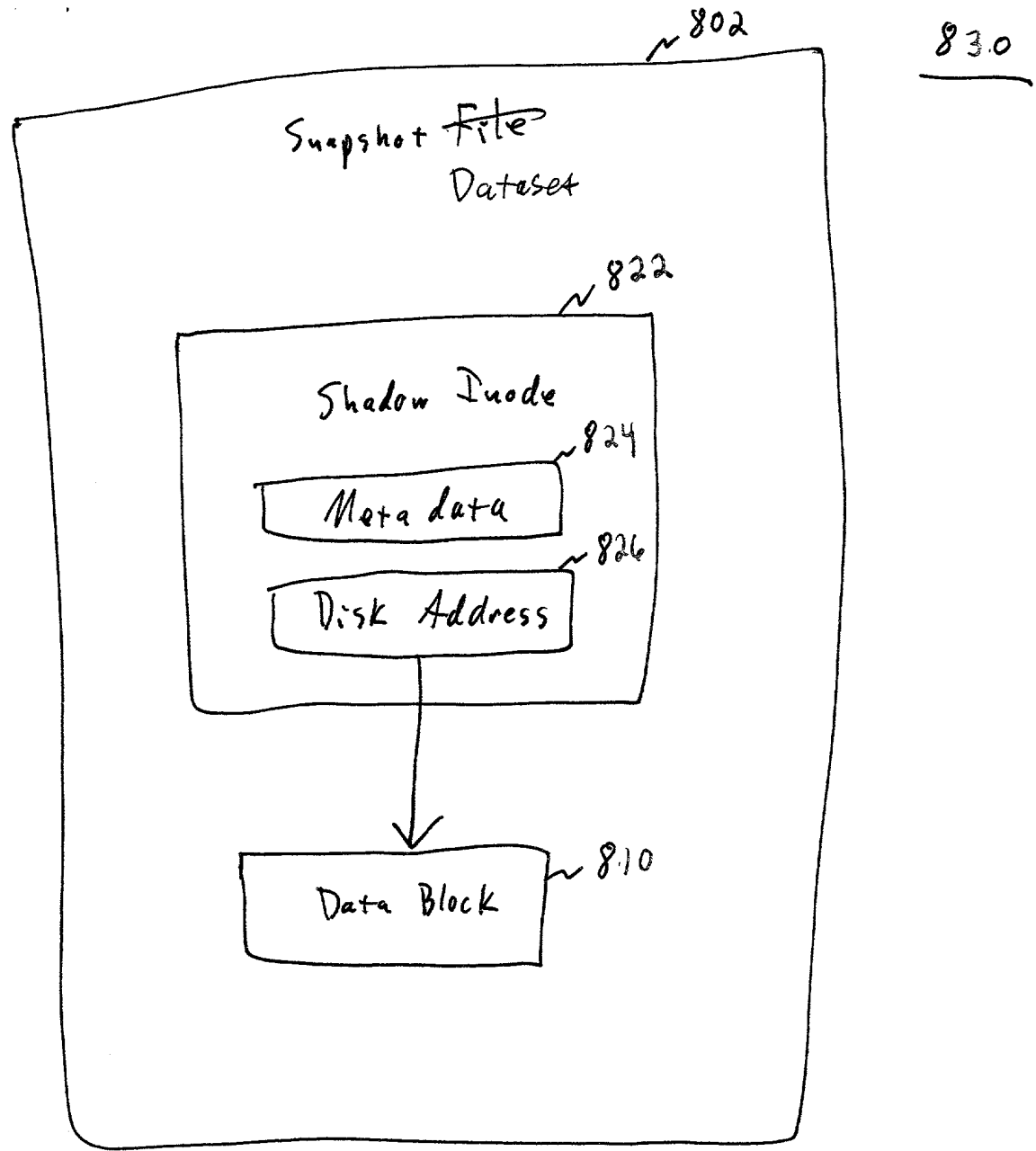


FIG. 8C

840

~802

Snapshot File Dataset

~822

Shadow Inode

~824

Meta data

~826

Disk Address

~842

Indirect Block

~844

Disk Address

~846

Disk Address

~848

Data Block

~850

Data Block

FIG. 8D

900

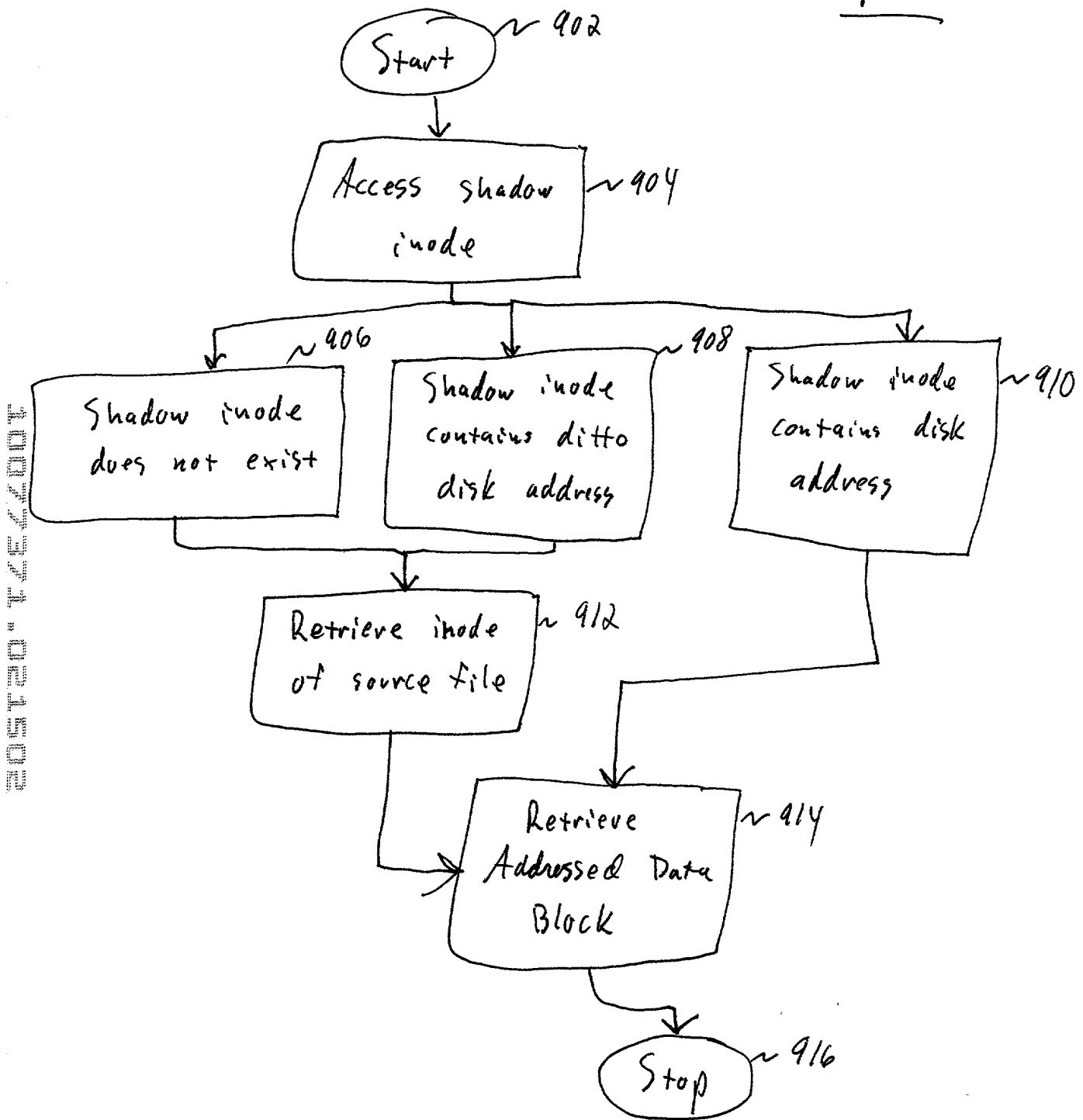


FIG. 9

1000

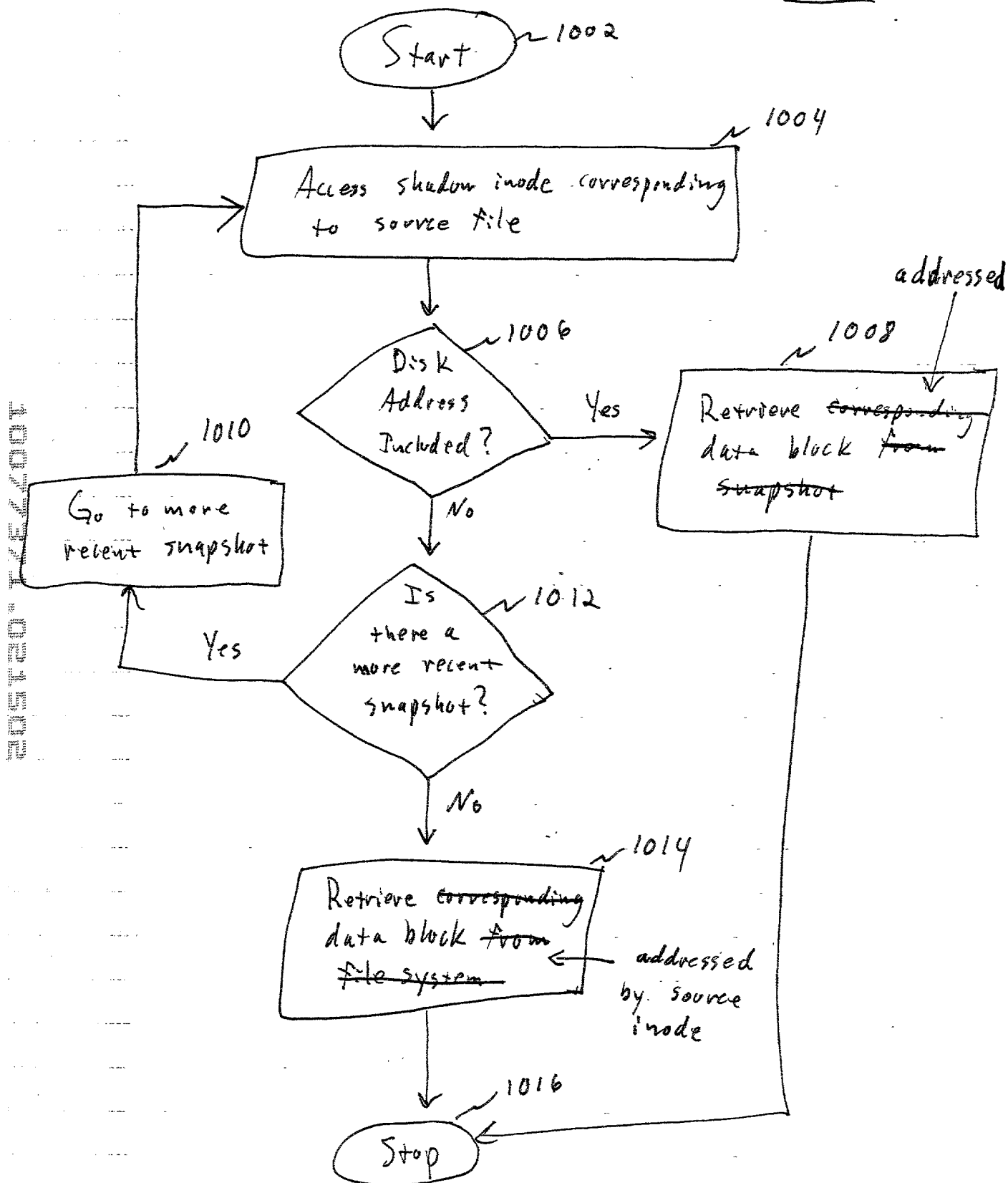


FIG. 10

1007374.021500

1100

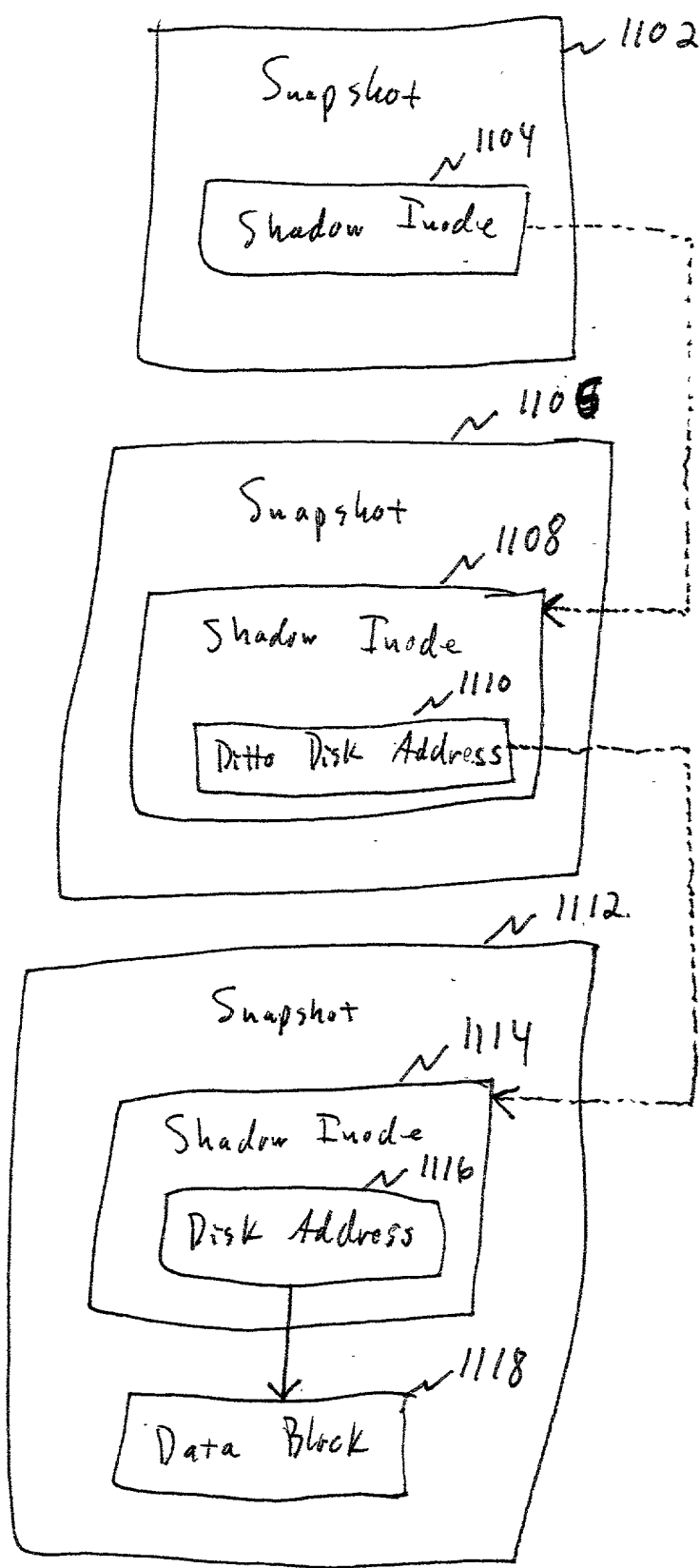


FIG. 11.

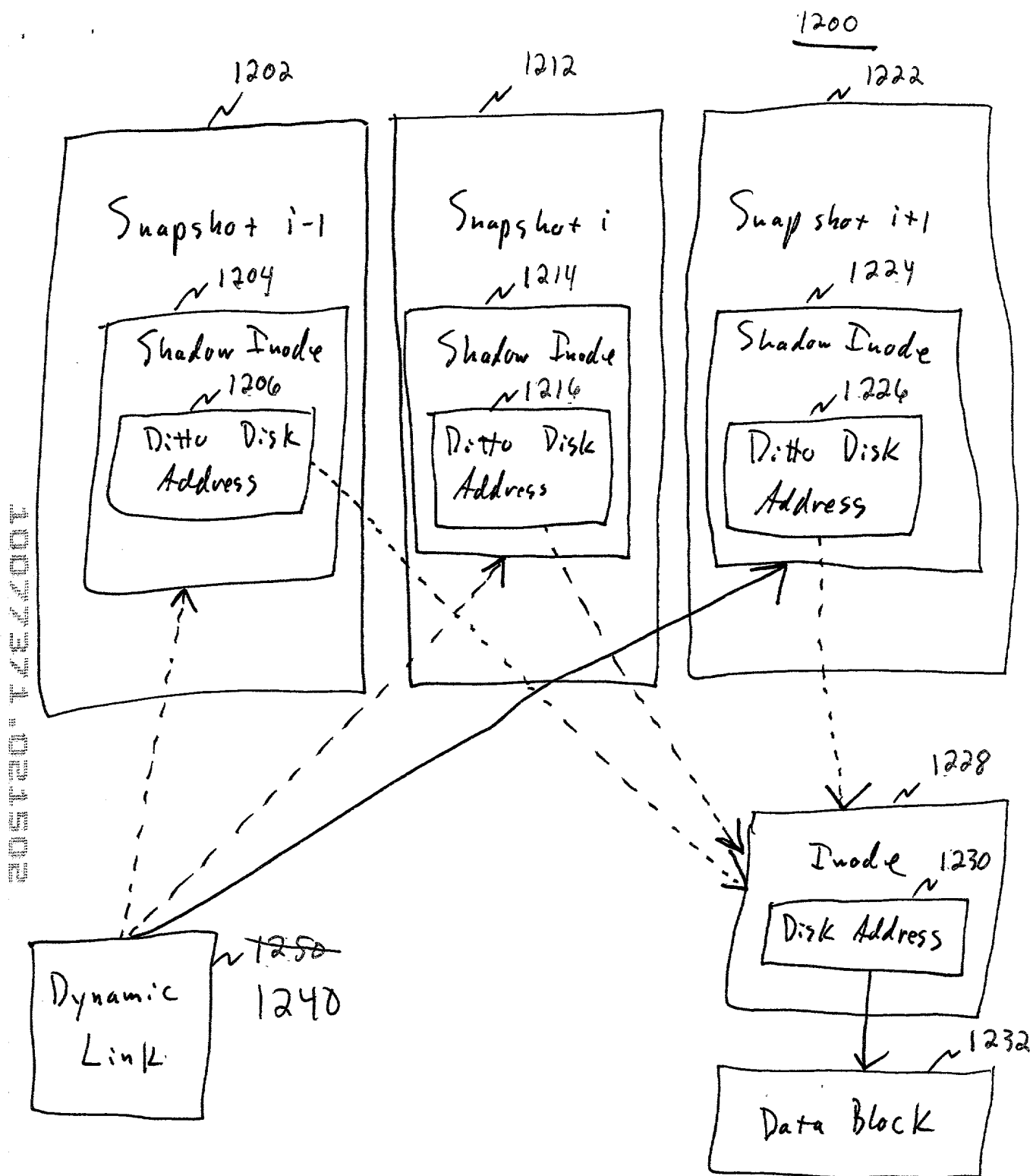


FIG. 12A

1250

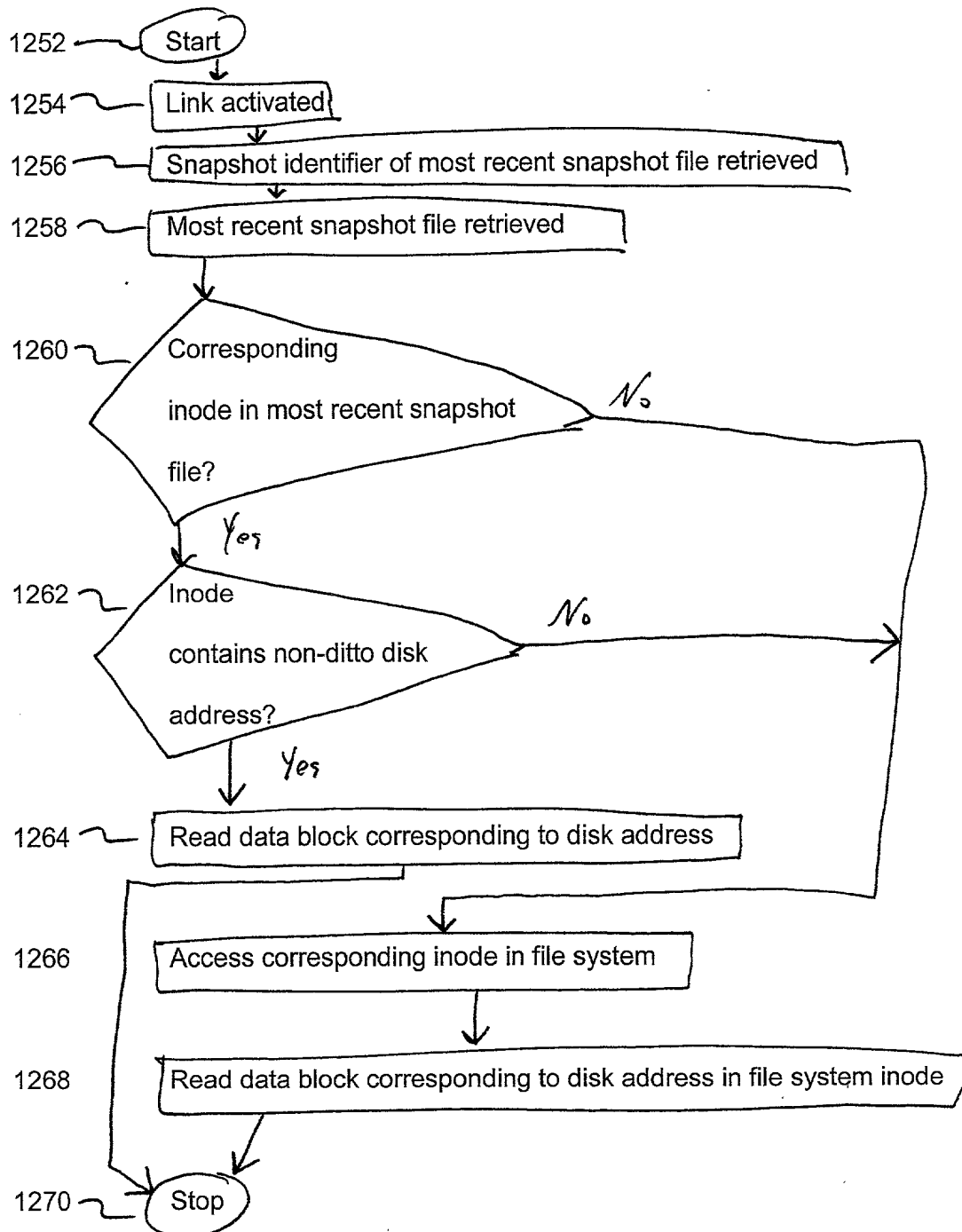


FIG 12B

1300

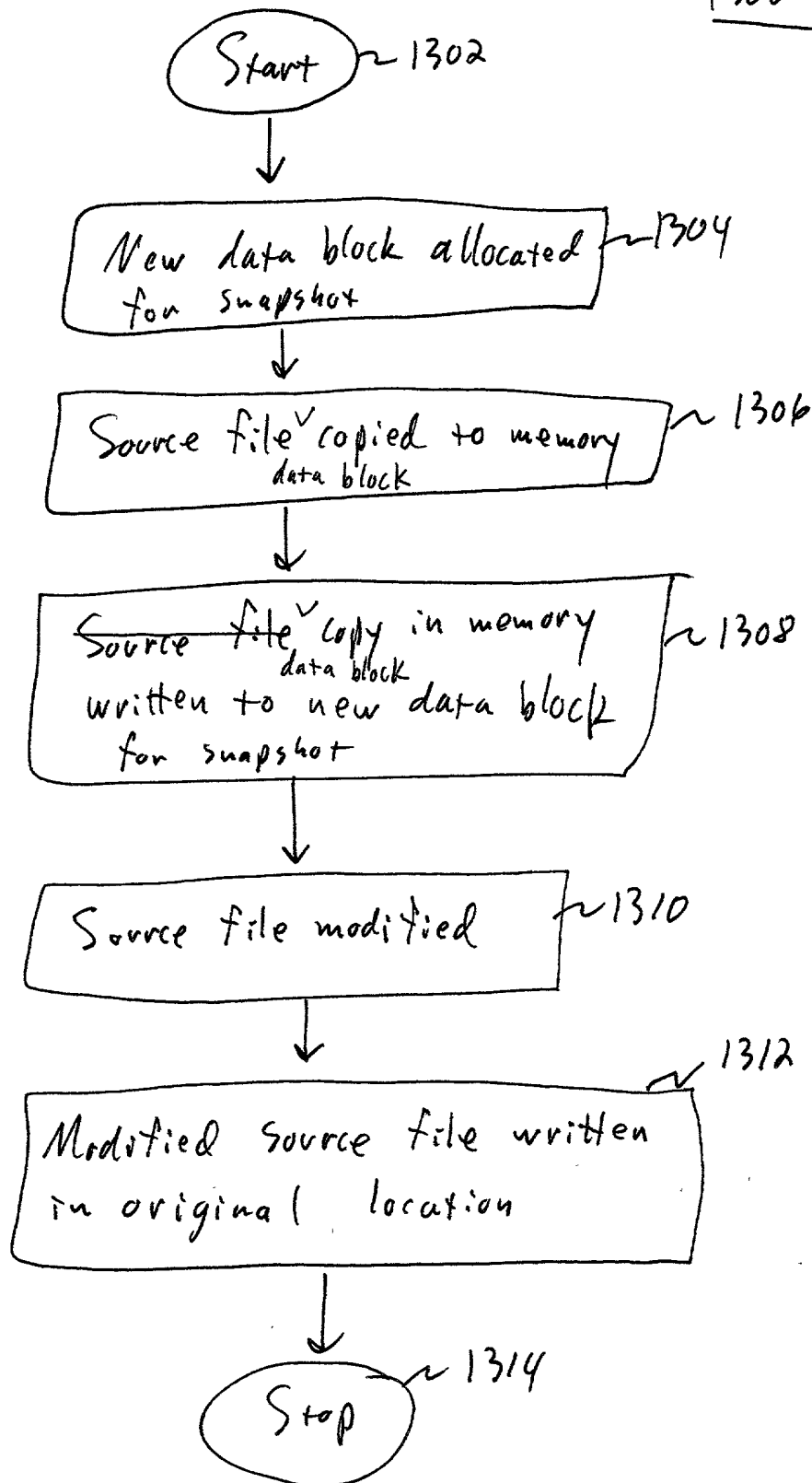


FIG. 13A

1320

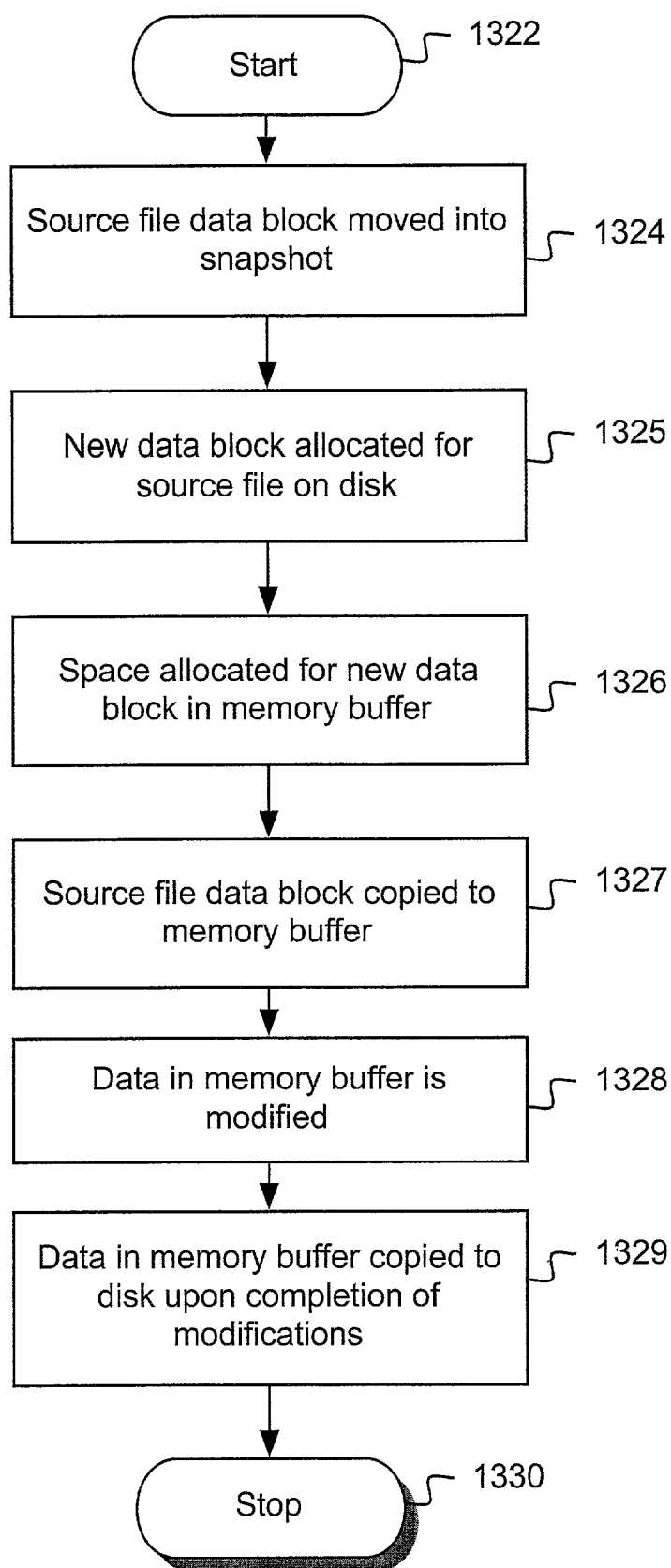


FIG 13B

1350

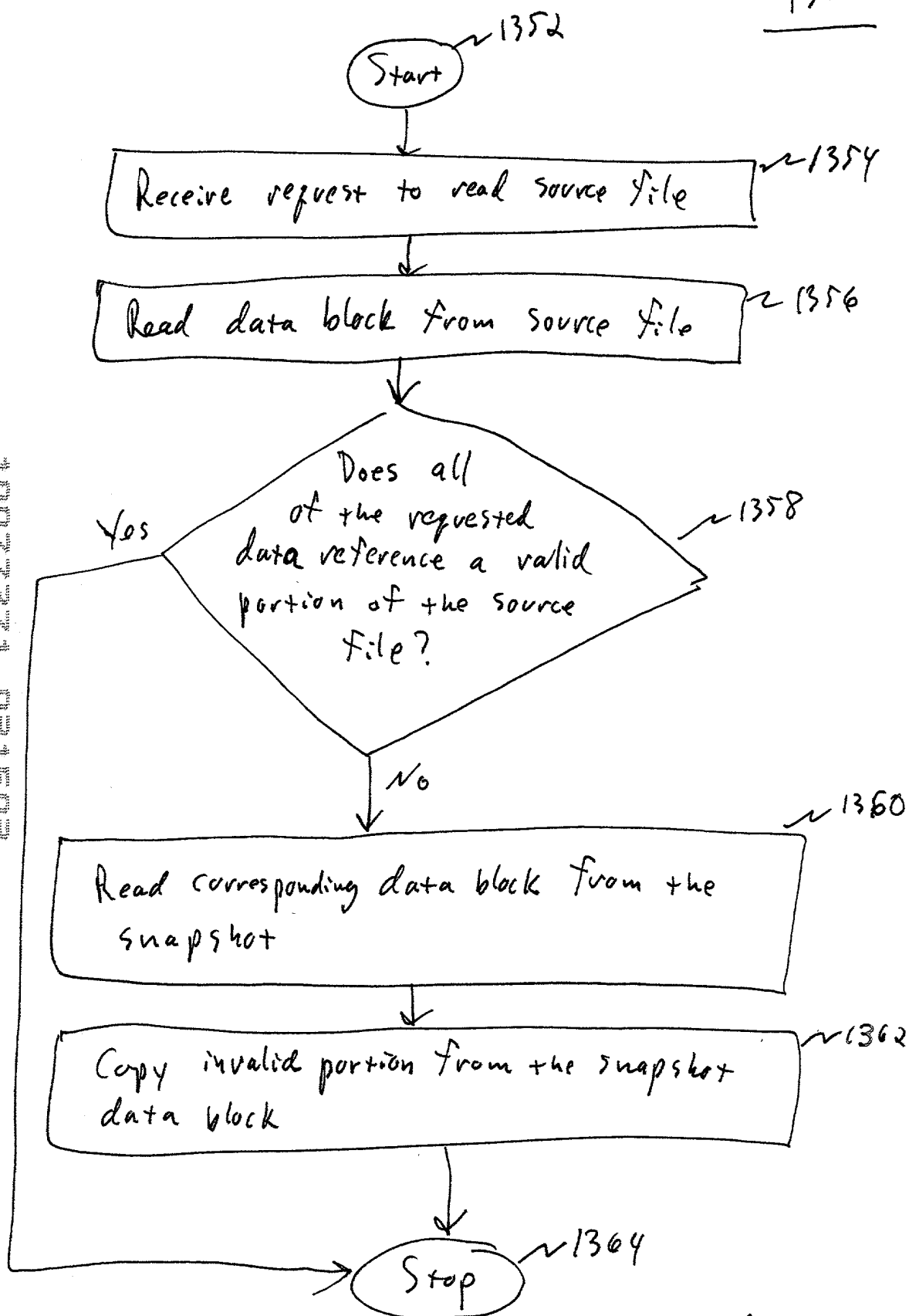


FIG. 13C

1400

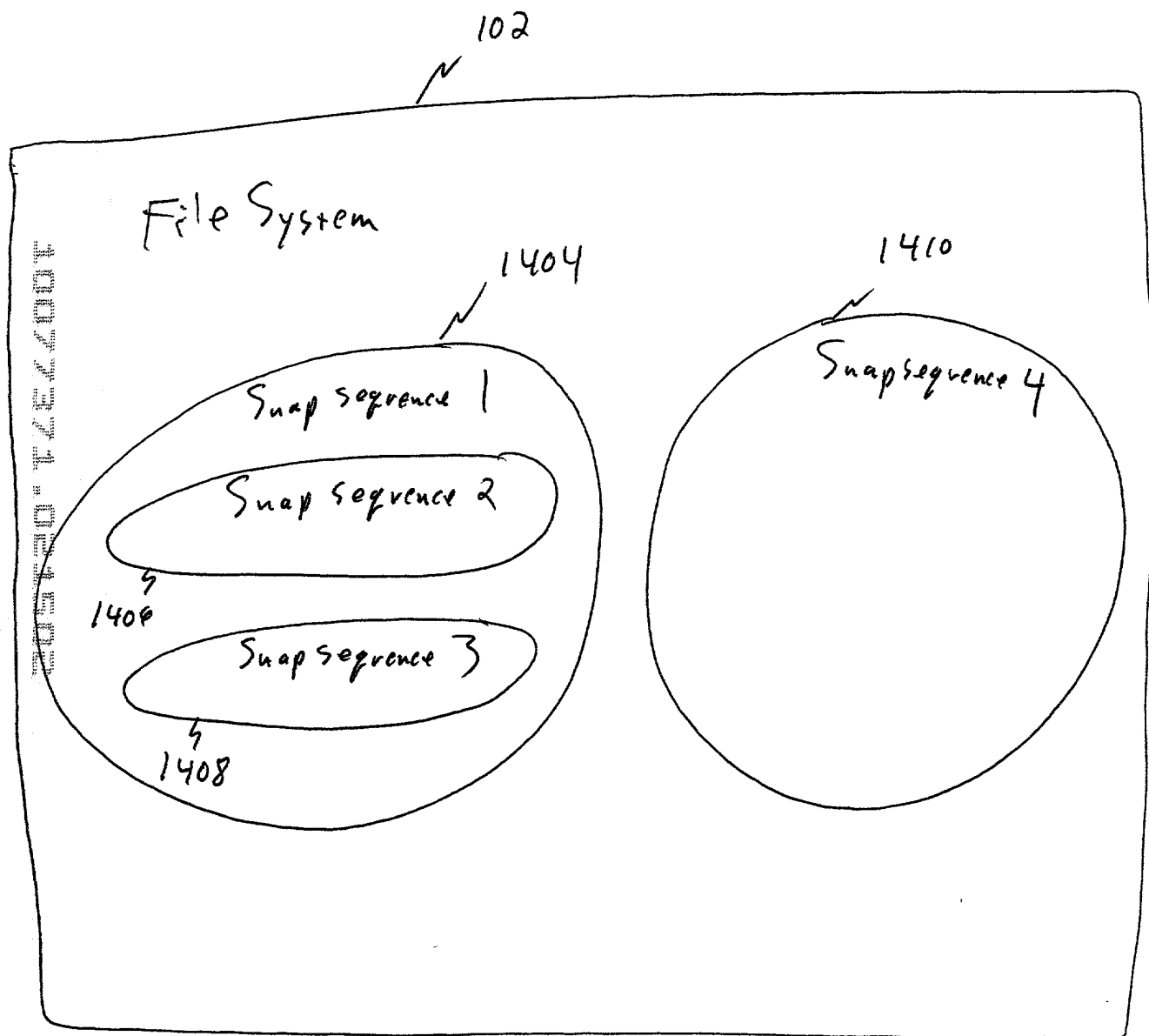


FIG. 14 A

1422

1430

Snapshot File Dataset

Snap Sequence 1

1432

1438

Inode

Inode

Snap Sequence Id = 1

Snap Sequence Id = 1

File Snap Id = 1

File Snap Id = 1

Snap Sequence 2

Inode

Link

Snap Sequence Id = 2

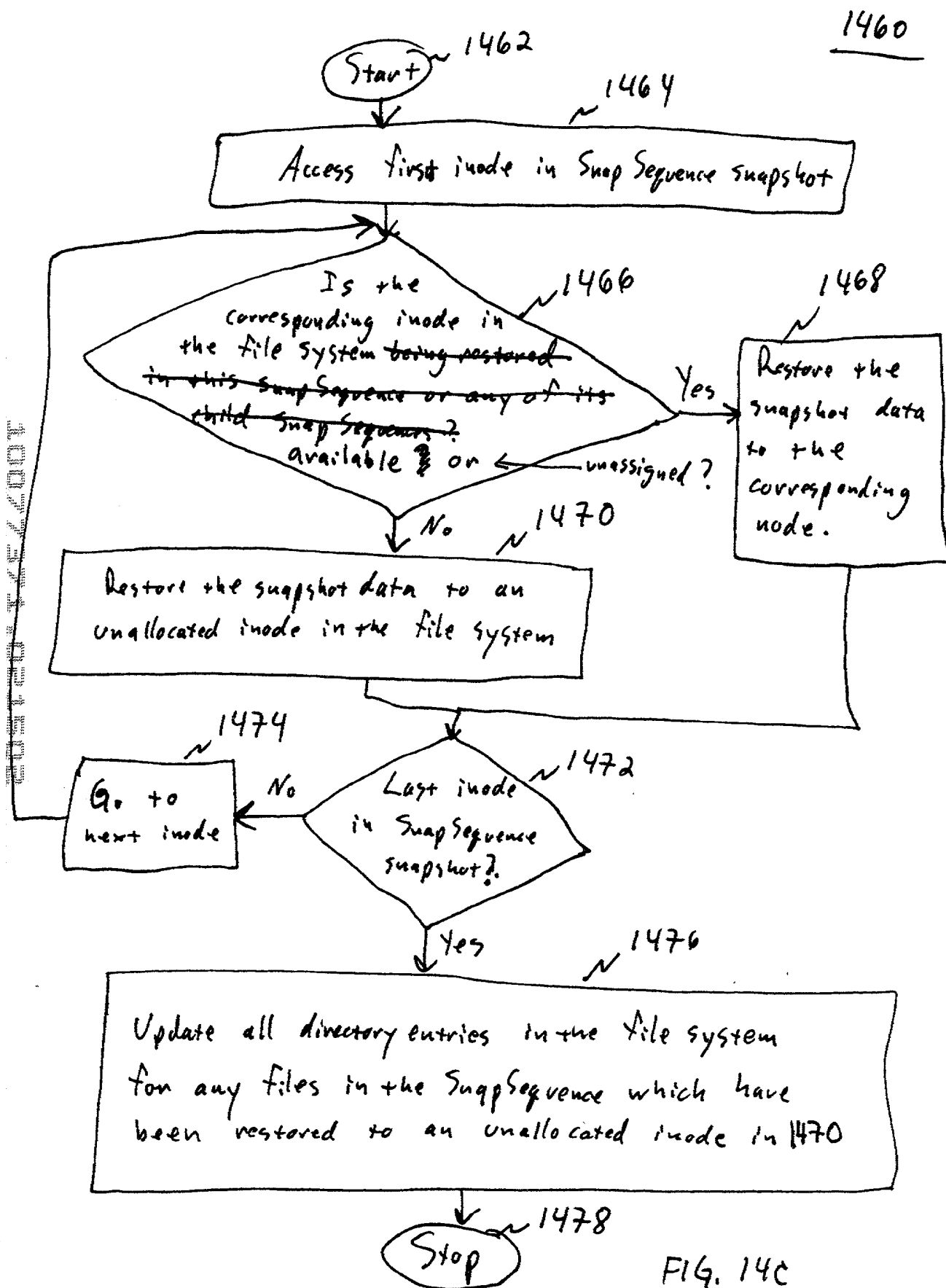
File Snap Id = 1

1446

1452

1444

FIG. 14B



1500

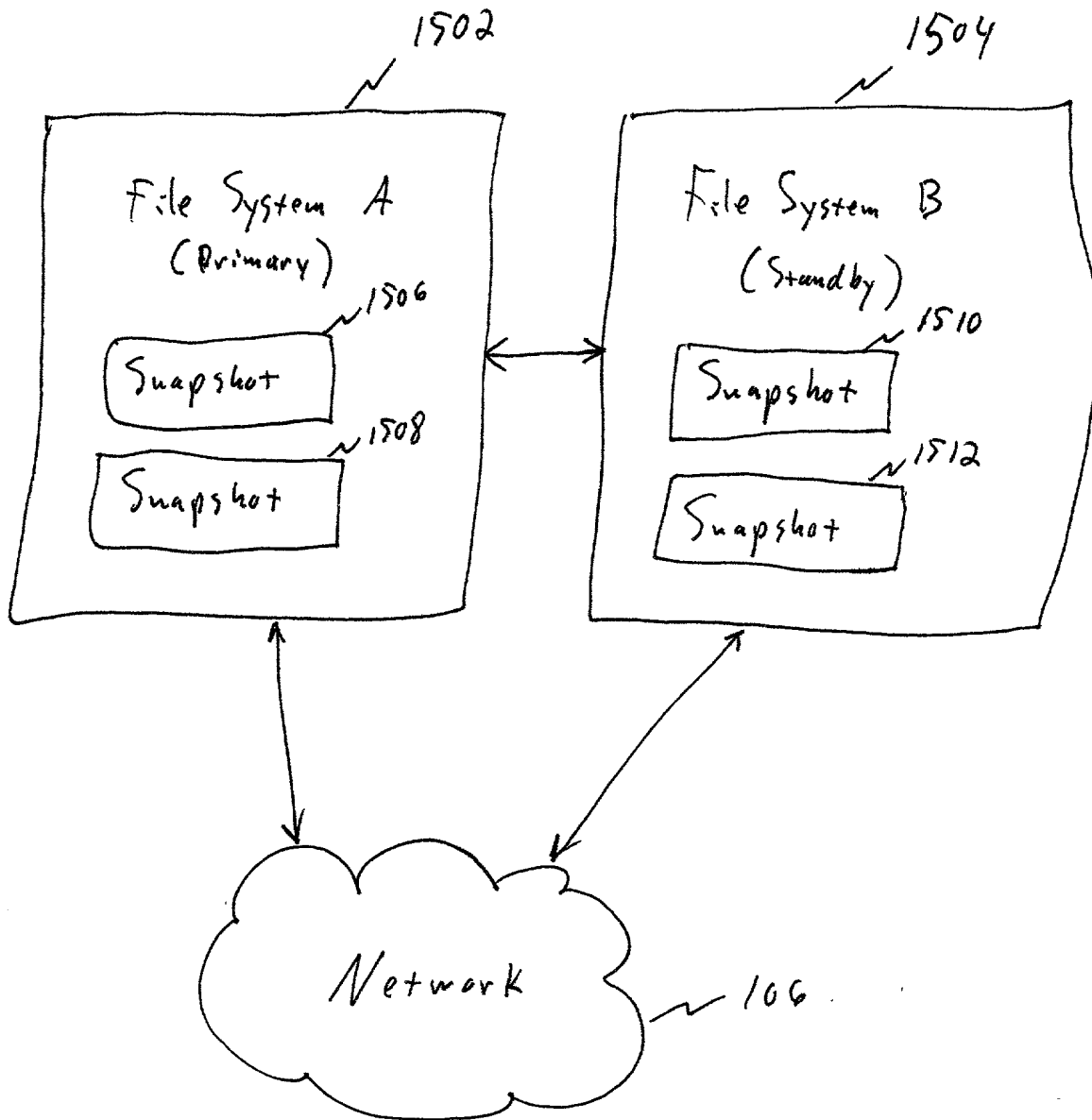


FIG. 15A

1520

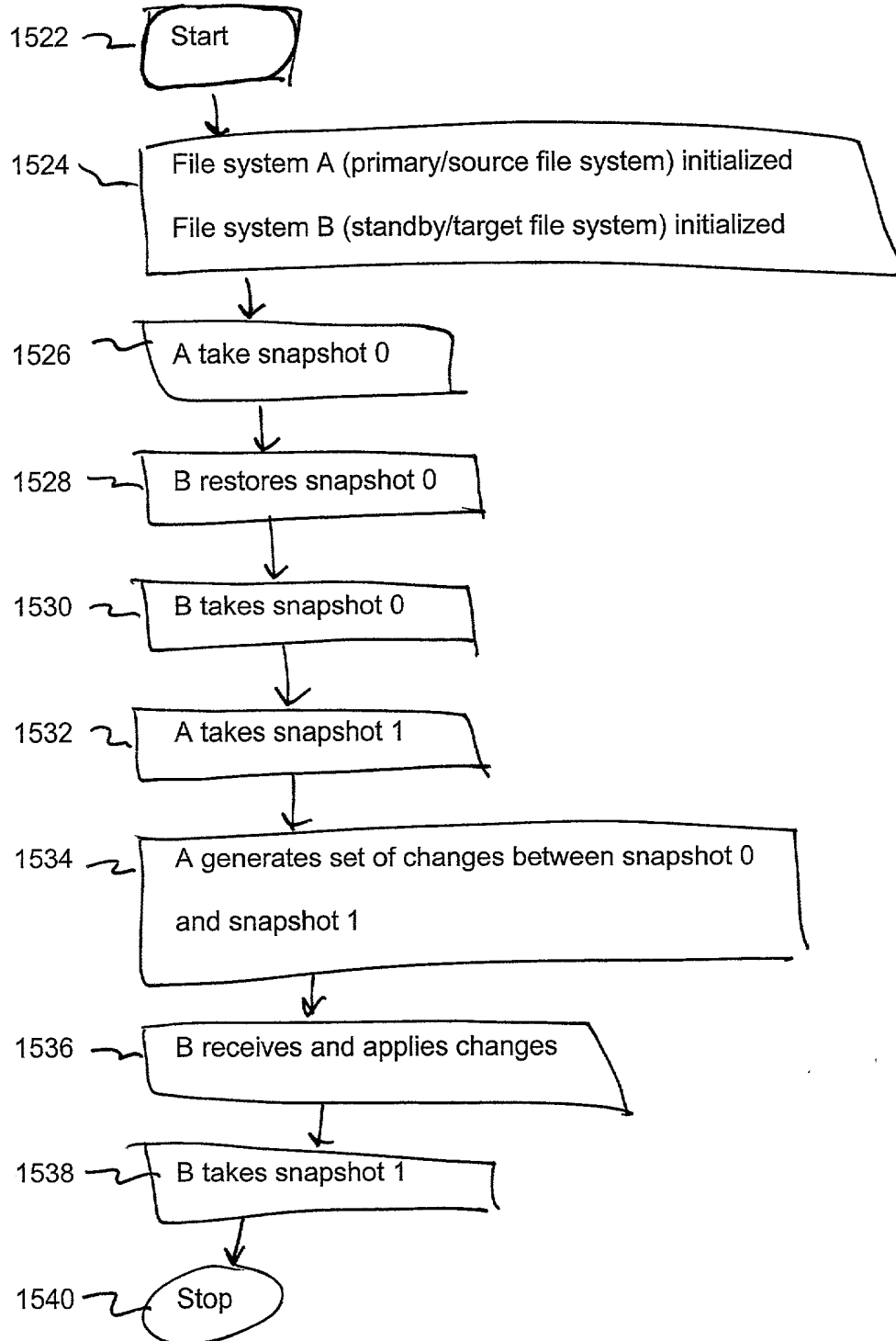


FIG. 15B

1540

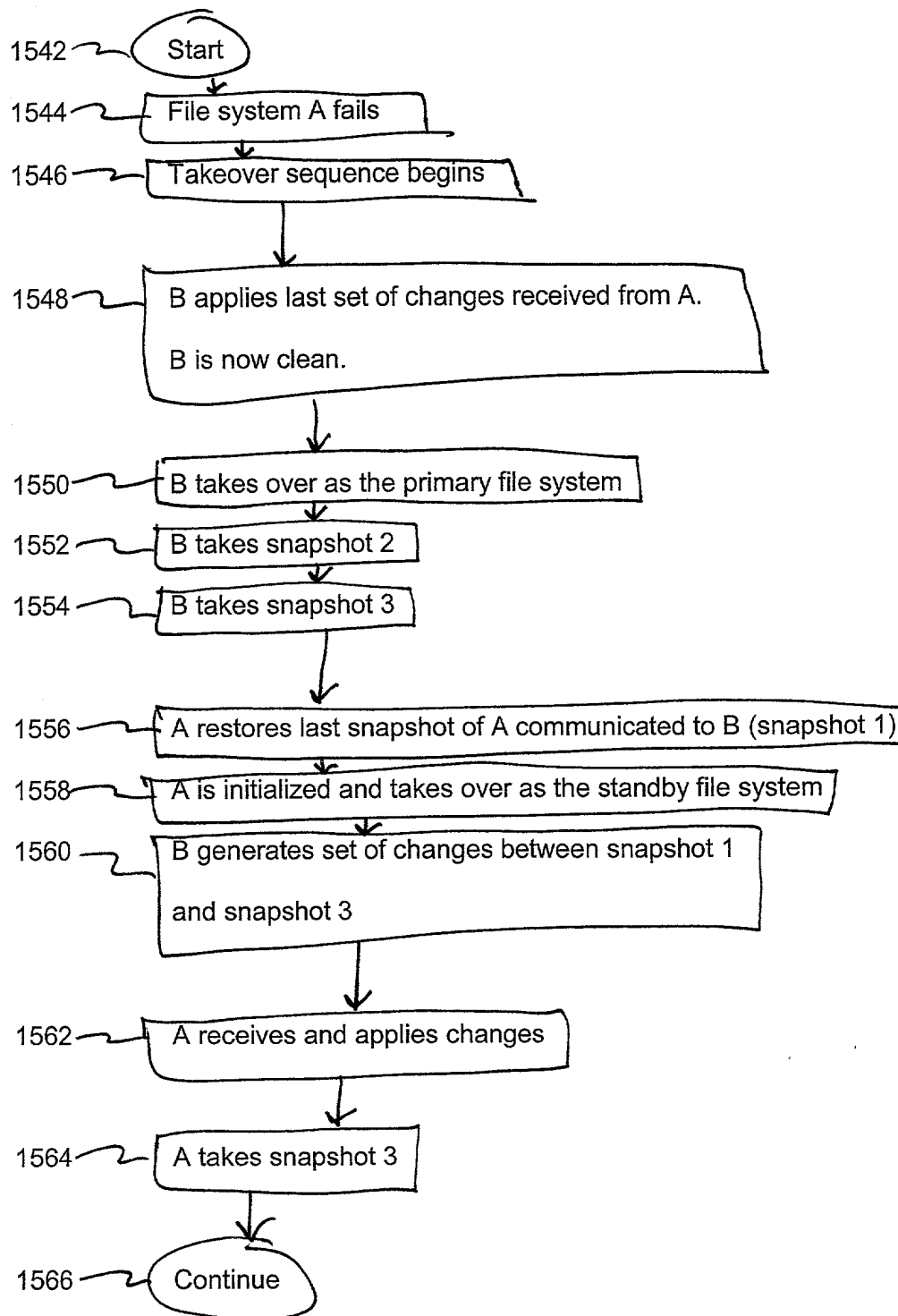


FIG. 15C

1590

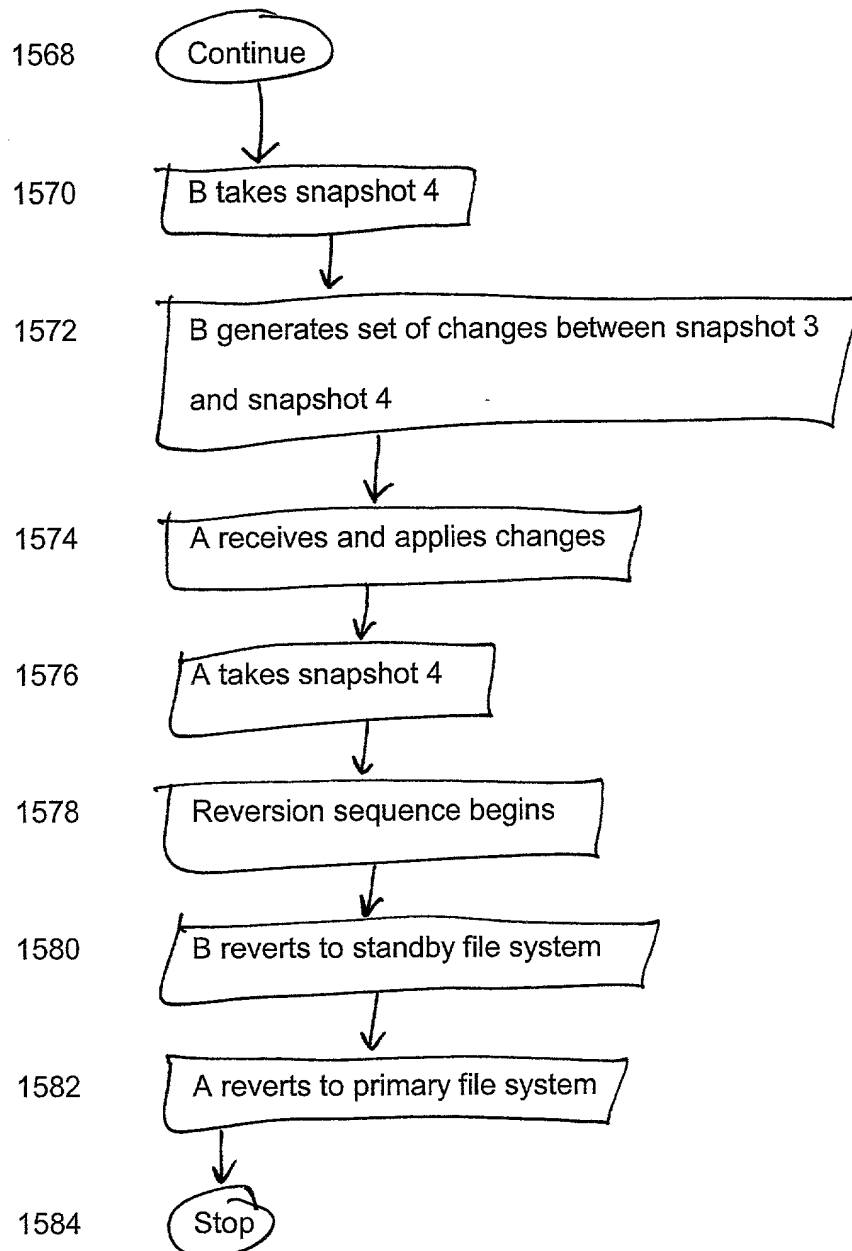
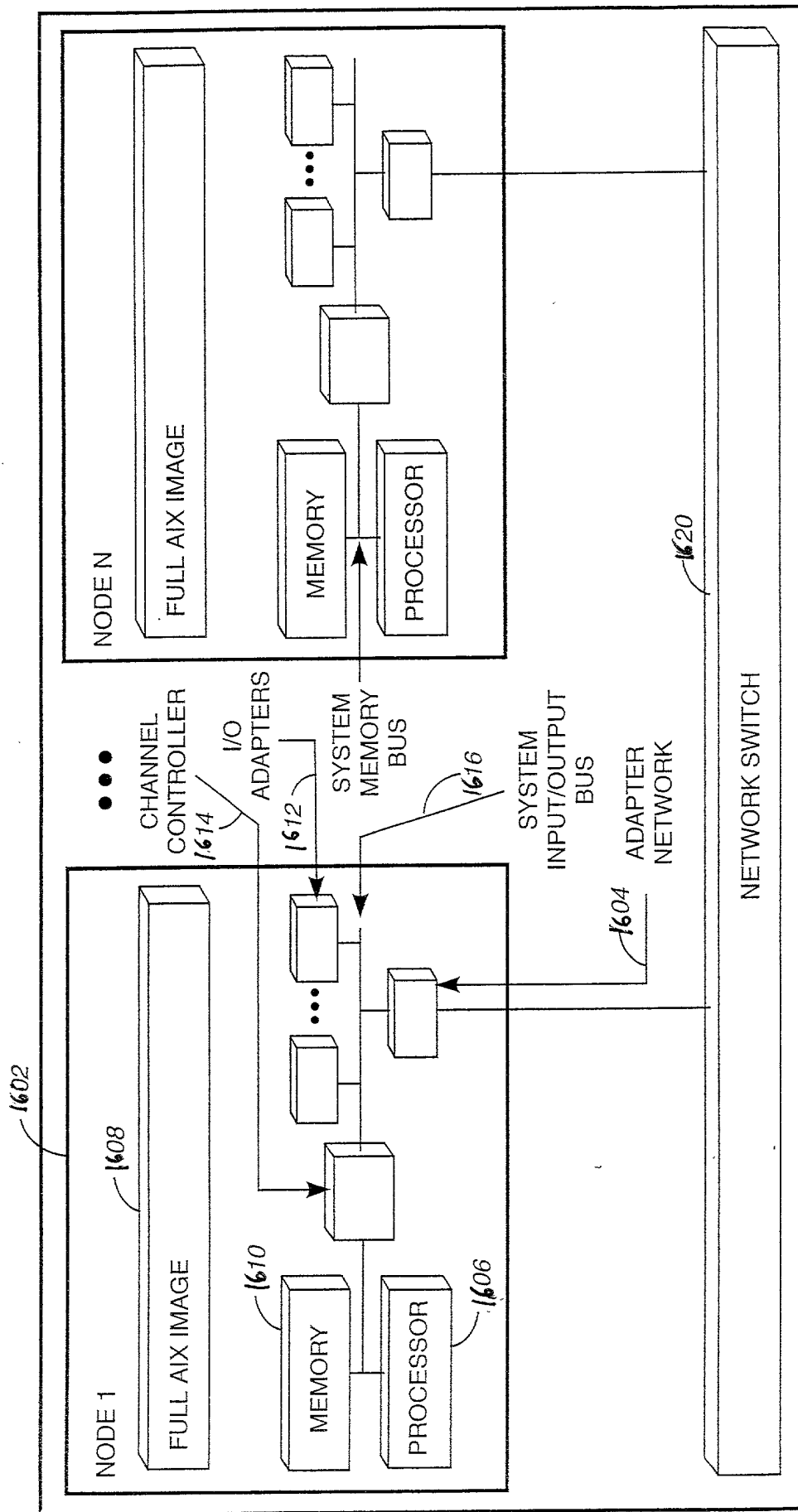


FIG. 15D



1600

FIG. 6

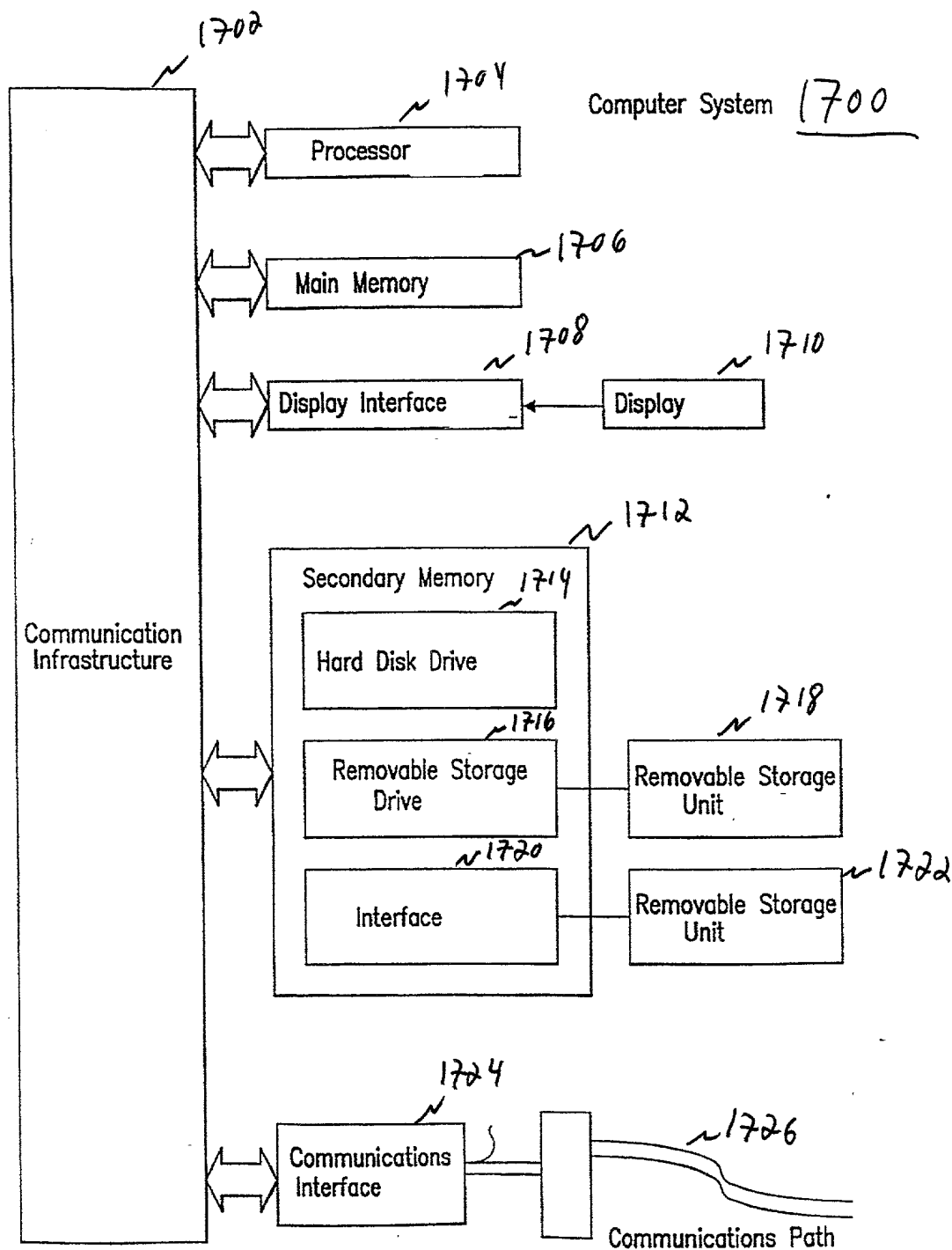


FIG. 17